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A LIMITED LIABILITY PARTNERSHIP

October 20, 2000

Commissioner for Patents  
Washington, D.C. 20231

Box Patent Application

Re: U.S. Non-Provisional Utility Patent Application  
Application No.: To Be Assigned  
Filed: Herewith  
For: Plant Polymorphic Markers and Uses Thereof  
Inventors: David F. BUSH *et al.*  
Atty. Docket: 04983.0206.CPUS01/38-21(15493)C

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Utility Patent Application Transmittal (PTO/SB/05);
2. U.S. Utility Patent Application entitled:  
**Plant Polymorphic Markers and Uses Thereof**  
and naming as inventors:  
**David F. BUSH, Steven D. ROUNSLEY, and Roger C. WIEGAND**  
the application consisting of:
  - a. A specification containing:
    - (i) 181 pages of a description prior to the claims;
    - (ii) 6 page of claims (26 claims); and
    - (iii) a one (1) page abstract;
3. Three (3) CD-ROMs containing the sequence listing; and
4. Two (2) return postcards.

This application is being filed without an executed Declaration, and without payment of official fees.

Submitted herewith are a sequence listing on CD-ROM (two copies) and a sequence listing Computer Readable Form (CRF) on CD-ROM, in compliance with 37 C.F.R. §§ 1.52(e), 1.77, AND 1.823 (AS AMENDED IN 65 Fed. Reg. 54603). It is Applicants' understanding that the U.S. Patent and Trademark Office is currently accepting sequence listing submissions in the format prescribed by the amended Code of Federal Regulations, although the new rules do not become mandatory until November 7, 2000.

Three CD-ROMs accompany this transmittal letter: two copies of a sequence listing (Copy 1 and Copy 2) and a sequence listing CRF. Copy 1 and Copy 2 of the sequence listing are identical to each other and to the sequence listing CRF. All three CD-ROMs each contain one file called "Marker Report.rpt" which is 13,491 kilobytes in size and was created on October 19, 2000. These CD-ROMs are IBM-PC machine format, and are MS-DOS and MS-Windows compatible.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

Respectfully submitted,

David R. Marsh (Reg. No. 41,408)  
June E. Cohan (Reg. No. 43,741)

Enclosures

Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (2/98)  
App. for use through 09/30/00. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

Only for new nonprovisional applications under 37 CFR 1.53(h)

Attorney Docket No. 04983.0206.CPUS01  
First Named Inventor or Application Identifier BUSH  
Title Plant Polymorphic Markers and Uses Thereof  
Express Mail Label No.

**APPLICATION ELEMENTS**

MPEP chapter 600 concerning utility patent application contents

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☐ \*Fee Transmittal Form (Form PTO-1082)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 188]  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claims
  - Abstract of the Disclosure
3. ☐ Drawing(s) (35 USC 113) [Total Sheets ]
4. ☐ Oath or Declaration [Total Pages ]
- a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named  
in the prior application, see 37 CFR 1.63(d)(2) and  
1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy  
of the oath or declaration is supplied under Box 4b, is considered  
as being part of the disclosure of the accompanying application  
and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☒ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above  
copies

**ACCOMPANYING APPLICATION PARTS**

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503) (Two)  
(should be specifically itemized)
14. ☐ \*Small Entity ☐ Statement filed in  
Statement(s) prior application,  
Status still proper  
and desired
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☒ Other: 2 additional CD-ROMs containing  
Copy 1 and Copy 2 of sequence listing

\*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY  
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF  
ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

**17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

- ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: /
- Prior Application Information: Examiner: Group/Art Unit:

**18. CORRESPONDENCE ADDRESS**

- ☒ Customer Number or Bar Code Label 22930 or ☐ Correspondence address below  
(Insert Customer No. or Attach bar code label here)

NAME	David R. Marsh HOWREY SIMON ARNOLD & WHITE, LLP				
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COUNTRY	US	TELEPHONE	202-783-0800	FAX	202-383-7195
Name (Print/Type)	David R. Marsh/June E. Cohan			Registration No. (Attorney/Agent)	41,408/43,741
Signature				Date	October 20, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.